

ILLUMINATING DEVICE FOR A DISPLAY

Abstract of the Disclosure

5           A light guide is provided for illuminating a liquid  
crystal display (LCD). The light guide has a reflection  
surface for reflecting light from a light source to the LCD.  
A reflection plate is provide adjacent to a rear side surface  
of the light guide opposite to the light source. The  
10 reflection surface of the light guide has saw-toothed grooves.  
Each of the grooves comprises a front side having a small  
angle of elevation and a rear side having a large angle of  
elevation. The light emitted from the light source passes  
through the light guide and is reflected from the reflection  
15 plate and reflected from the rear sides to the LCD.